

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  2002CH106	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.  PCT/IB 03/04801	International filing date (day/month/year)  29/10/2003	(Earliest) Priority Date (day/month/year)  31/10/2002
Applicant  CLARIANT INTERNATIONAL LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/04801

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09B67/22 C09B7/00 C08K5/46

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 200 378 B1 (KAUL BANSI LAL ET AL) 13 March 2001 (2001-03-13) abstract; examples 56-65, 80-88 & WO 98 32800 A 30 July 1998 (1998-07-30) cited in the application ---	1-10
Y	US 4 310 359 A (EHASHI SHIGEYUKI ET AL) 12 January 1982 (1982-01-12) abstract column 5; example 1 ---	1-10
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 532 (C-659), 28 November 1989 (1989-11-28) & JP 01 217077 A (TOYO INK MFG CO LTD), 30 August 1989 (1989-08-30) abstract --- -/-	1-10

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

13 January 2004

Date of mailing of the international search report

27/01/2004

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/04801

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 06 147 A (CLARIANT GMBH) 14 August 2002 (2002-08-14) example 2A ----	1-10
A	US 5 958 129 A (URBAN MANFRED ET AL) 28 September 1999 (1999-09-28) cited in the application abstract; example 1 ----	1-10
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14, 31 December 1998 (1998-12-31) & JP 10 245502 A (TOYO INK MFG CO LTD), 14 September 1998 (1998-09-14) abstract -----	1-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/04801

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6200378	B1	13-03-2001	AU 5572698 A DE 69813541 D1 DE 69813541 T2 EP 0975697 A1 WO 9832800 A1 JP 2001519837 T	18-08-1998 22-05-2003 06-11-2003 02-02-2000 30-07-1998 23-10-2001
US 4310359	A	12-01-1982	JP 1034268 B JP 1548321 C JP 56118462 A DE 3106906 A1 GB 2071683 A , B	18-07-1989 09-03-1990 17-09-1981 14-01-1982 23-09-1981
JP 01217077	A	30-08-1989	JP 2089580 C JP 8003049 B	02-09-1996 17-01-1996
DE 10106147	A	14-08-2002	DE 10106147 A1 WO 02064680 A1 EP 1362081 A1	14-08-2002 22-08-2002 19-11-2003
US 5958129	A	28-09-1999	DE 19709798 A1 CA 2231523 A1 DE 59807036 D1 EP 0864613 A2 JP 11166128 A	17-09-1998 10-09-1998 06-03-2003 16-09-1998 22-06-1999
JP 10245502	A	14-09-1998	JP 3389808 B2	24-03-2003